

that the system is in proper working order;

(iii) Checking the firemen's outfits and other personal rescue equipment;

(iv) Checking the relevant communications equipment;

(v) Checking the operation of watertight doors, fire doors, and fire dampers and main inlets and outlets of ventilation systems in the drill area; and

(vi) Checking the necessary arrangements for subsequent abandonment of the vessel.

(3) The equipment used during drills must immediately be brought back to its fully operational condition. Any faults and defects discovered during the drills must be remedied as soon as possible.

(g) *Onboard training and instruction.*

(1) Onboard training in the use of the vessel's lifesaving appliances, including survival craft equipment, and in the use of the vessel's fire-extinguishing appliances must be given as soon as possible but not later than 2 weeks after a crewmember joins the vessel.

(2) If the crewmember is on a regularly scheduled rotating assignment to the vessel, the training required in paragraph (g)(1) of this section need be given only within 2 weeks of the time the crewmember first joins the vessel.

(3) The crew must be instructed in the use of the vessel's fire-extinguishing and lifesaving appliances and in survival at sea at the same interval as the drills. Individual units of instruction may cover different parts of the vessel's lifesaving and fire-extinguishing appliances, but all the vessel's lifesaving and fire-extinguishing appliances must be covered within any period of 2 months.

(4) Every crewmember must be given instructions that include, but are not limited to—

(i) The operation and use of the vessel's inflatable liferafts;

(ii) The problems of hypothermia, first aid treatment for hypothermia, and other appropriate first aid procedures;

(iii) Any special instructions necessary for use of the vessel's lifesaving appliances in severe weather and severe sea conditions; and

(iv) The operation and use of fire-extinguishing appliances.

(5) Onboard training in the use of davit-launched liferafts must take place at intervals of not more than 4 months on each vessel with davit-launched liferafts. Whenever practicable, this training must include the inflation and lowering of a liferaft. If this liferaft is a special liferaft intended for training purposes only and is not part of the vessel's lifesaving equipment, this liferaft must be conspicuously marked.

(h) *Records.* (1) When musters are held, details of abandon-ship drills, fire drills, drills of other lifesaving appliances, and onboard training must be recorded in the vessel's official logbook. Logbook entries must include—

(i) The date and time of the drill, muster, or training session;

(ii) The survival craft and fire-extinguishing equipment used in the drills;

(iii) Identification of inoperative or malfunctioning equipment and the corrective action taken;

(iv) Identification of crewmembers participating in drills or training sessions; and

(v) The subject of the onboard training session.

(2) If a full muster, drill, or training session is not held at the appointed time, an entry must be made in the logbook stating the circumstances and the extent of the muster, drill, or training session held.

[CGD 84-69, 61 FR 25313, May 20, 1996, as amended at 63 FR 52819, Oct. 1, 1998]

§ 199.190 Operational readiness, maintenance, and inspection of lifesaving equipment.

(a) *Operational readiness.* Before the vessel leaves port and at all times during the voyage, each lifesaving appliance must be in working order and ready for immediate use.

(b) *Maintenance.* (1) The manufacturer's instructions for onboard maintenance of lifesaving appliances must be on board the vessel. The following must be provided for each appliance.

(i) Checklists for use when carrying out the inspections required under paragraph (e) of this section.

(ii) Maintenance and repair instructions.

(iii) A schedule of periodic maintenance.

(iv) A diagram of lubrication points with the recommended lubricants.

(v) A list of replaceable parts.

(vi) A list of sources of spare parts.

(vii) A log for records of inspections and maintenance.

(2) In lieu of compliance with paragraph (b)(1) of this section, the OCMI may accept a shipboard planned maintenance program that includes the items listed in that paragraph.

(c) *Spare parts and repair equipment.* Spare parts and repair equipment must be provided for each lifesaving appliance and component that is subject to excessive wear or consumption and that needs to be replaced regularly.

(d) *Weekly inspections and tests.* (1) Each survival craft, rescue boat, and launching appliance must be visually inspected to ensure its readiness for use.

(2) Each lifeboat engine and rescue boat engine must be run ahead and astern for a total of not less than 3 minutes unless the ambient temperature is below the minimum temperature required for starting the engine. During this time, demonstrations should indicate that the gear box and gear box train are engaging satisfactorily. If the special characteristics of an outboard motor fitted to a rescue boat would not allow the outboard motor to be run other than with its propeller submerged for a period of 3 minutes, the outboard motor should be run for such period as prescribed in the manufacturer's handbook.

(3) The general alarm system must be tested.

(e) *Monthly inspections.* (1) Each lifesaving appliance, including lifeboat equipment, must be inspected monthly using the checklists required under paragraph (b)(1)(i) of this section to make sure the appliance and the equipment are complete and in good working order. A report of the inspection, including a statement as to the condition of the equipment, must be recorded in the vessel's official logbook.

(2) Each EPIRB and each SART, other than an EPIRB or SART in an inflatable liferaft, must be tested monthly. The EPIRB must be tested using the integrated test circuit and output

indicator to determine that it is operative.

(f) *Annual inspections.* Annual inspections must include the following:

(1) Each survival craft, except for inflatable craft, must be stripped, cleaned, and thoroughly inspected and repaired, as needed, at least once each year and each fuel tank must be emptied, cleaned, and refilled with fresh fuel.

(2) Each davit, winch, fall, and other launching appliance must be thoroughly inspected and repaired, as needed, once each year.

(3) Each item of survival equipment with an expiration date must be replaced during the annual inspection if the expiration date has passed.

(4) Each battery clearly marked with an expiration date and used in an item of survival equipment must be replaced during the annual inspection if the expiration date has passed.

(5) Except for a storage battery used in a lifeboat or rescue boat, each battery without an expiration date that is used in an item of survival equipment must be replaced during the annual inspection.

(g) *Servicing of inflatable lifesaving appliances, inflated rescue boats, and marine evacuation systems.* (1) Each inflatable lifesaving appliance and marine evacuation system must be serviced—

(i) Within 12 months of its initial packing; and

(ii) Within 12 months of each subsequent servicing, except when servicing is delayed until the next scheduled inspection of the vessel, provided the delay does not exceed 5 months.

(2) Each inflatable lifejacket must be serviced in accordance with servicing procedures meeting the requirements of part 160, subpart 160.176 of this chapter. Each hybrid inflatable lifejacket must be serviced in accordance with the owners manual and meet the requirements of part 160, subpart 160.077 of this chapter.

(3) An inflatable liferaft or inflatable buoyant apparatus must be serviced at a facility specifically approved by the Commandant for the particular brand, and in accordance with servicing procedures meeting the requirements of part 160, subpart 160.151, of this chapter—

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(i) No later than the month and year on its servicing sticker affixed under 46 CFR 160.151–57(n), except that servicing may be delayed until the next scheduled inspection of the vessel, provided that the delay does not exceed 5 months; and

(ii) Whenever the container is damaged or the container straps or seals are broken.

(4) Each inflated rescue boat must be repaired and maintained in accordance with the manufacturer's instructions. All repairs to inflated chambers must be made at a servicing facility approved by the Commandant, except for emergency repairs carried out on board the vessel.

(h) *Periodic servicing of hydrostatic release units.* Each hydrostatic release unit, other than a disposable hydrostatic release unit, must be serviced in accordance with repair and testing procedures meeting the requirements of part 160, subpart 160.062 of this chapter—

(1) Within 12 months of its manufacture; and

(2) Within 12 months of each subsequent servicing, except when servicing is delayed until the next scheduled inspection of the vessel, provided the delay does not exceed 5 months.

(i) *Periodic servicing of launching appliances and release gear.* (1) Launching appliances must be serviced at the intervals recommended in the manufacturer's instructions or as set out in the shipboard planned maintenance program.

(2) Launching appliances must be thoroughly examined at intervals not exceeding 5 years and, upon completion of the examination, the launching appliance must be subjected to a dynamic test of the winch brake.

(3) Lifeboat and rescue boat release gear must be serviced at the intervals recommended in the manufacturer's instructions, or as set out in the shipboard-planned-maintenance program.

(4) Lifeboat and rescue boat release gear must be subjected to a thorough examination by properly trained personnel familiar with the system at each inspection for certification.

(5) Lifeboat and rescue boat release gear must be operationally tested under a load of 1.1 times the total mass

of the lifeboat when loaded with its full complement of persons and equipment whenever overhauled or at least once every 5 years.

(j) *Maintenance of falls.* (1) Each fall used in a launching appliance must—

(i) Be turned end-for-end at intervals of not more than 30 months; and

(ii) Be renewed when necessary due to deterioration or at intervals of not more than 5 years, whichever is earlier.

(2) As an alternative to paragraph (j)(1) of this section, each fall may—

(i) Be inspected annually; and

(ii) Be renewed whenever necessary due to deterioration or at intervals of not more than 4 years, whichever is earlier.

(k) *Rotational deployment of marine evacuation systems.* In addition, to or in conjunction with, the servicing intervals of marine evacuation systems required by paragraph (g)(1) of this section, each marine evacuation system must be deployed from the vessel on a rotational basis. Each marine evacuation system must be deployed at least once every 6 years.

[CGD 84–069, 61 FR 25313, May 20, 1996; 61 FR 40281, Aug. 1, 1996, as amended by CGD 85–205, 62 FR 25557, May 9, 1997; CGD 84–069, 63 FR 52819, Oct. 1, 1998; USCG–2001–11118, 67 FR 58542, Sept. 17, 2002]

Subpart C—Additional Requirements for Passenger Vessels

§ 199.200 General.

Passenger vessels and special purpose vessels described in § 199.10(e), must meet the requirements in this subpart in addition to the requirements in subparts A and B of this part.

[CGD 84–069, 61 FR 25313, May 20, 1996, as amended by USCG–1999–6216, 64 FR 53229, Oct. 1, 1999]

§ 199.201 Survival craft.

(a) Each survival craft must be approved and equipped as follows:

(1) Each lifeboat must be approved under approval series 160.135 and equipped as specified in table 199.175 of this part.

(2) Each inflatable liferaft must be approved under approval series 160.151 and equipped with—

(i) A SOLAS A pack; or